DECISION DOCUMENTATION PACKAGE COVER SHEET

PREPARED IN ACCORDANCE WITH

TRACK 1 SITES: GUIDANCE FOR ASSESSING LOW PROBABILITY HAZARD SITES AT INEL

SITE DESCRIPTION: CONTAMINATED SOIL IN TANK FARM AREA NEAR VALVE

Box B-9

SITE ID: CPP-30 OPERABLE UNIT: 3-07

WASTE AREA GROUP: 3

I. SUMMARY - PHYSICAL DESCRIPTION OF THE SITE:

This site was an area of radioactively contaminated soil near tank farm valve box B-9 that was discovered by maintenance personnel on June 2, 1975. The contamination covered an area of approximately 400 ft² and showed radiation levels ranging up to 1 R/hr. The contamination was from a one-time preventative maintenance activity in which residual decon solution from the floor of the valve boxes contaminated personnel clothing and equipment. The contaminated clothing was brought to the surface via maintenance personnel. Clothing and equipment that were placed on blotter paper covering the ground surface. This paper was torn when walked on, allowing the contaminated material to contact the soil.

II. SUMMARY - QUALITATIVE ASSESSMENT OF RISK:

Due to the fact that the site has been excavated, the qualitative assessment of risk is low with a high overall reliability.

CHMMADV

111. SUMMARY - CONSEQUENCES OF	F ERROR:
in this area, therefore any error w subsurface. Based upon process know expected in the soil. Compared to	ref. 3, 5) do not indicate surface radiation ould leave undetected contamination in the wledge, only low level radiation would be the balance of the tank farm units, this site o the background radiation levels found in
IV. SUMMARY - OTHER DECISION	OBTVERS.
	DRIVERS.
None.	
SIGNATURES # PAGES:	DATE:
Prepared By:	DOE WAG Manager:

SIGNATURES	I # PAGES:		DATE:	
Prepared By:		DOE WAG Manager:		
Approved By:		Independent Review:		

PROCESS/WASTE WORKSHEET	page 11
SITE ID CPP-30	

Col 1 Processes Associated with this Site	Col 2 Waste Description & Mandling Procedures	Col 3 Description & Location of any Artifacts/Structures/Disposal Areas Associated with this Waste or Process
Process Preventative maintenance in waste	Residual decon solution from the floor of the valve boxes and/or contaminated blue valve	Artifact: Concrete valve boxes. Location: Within valve boxes B-4 and B-9. Description: The transfer lines and valves are contained within an accessible valve box to aid in preventative maintenance.
V00 04 10 10 10 10 10 10 10 10 10 10 10 10 10	J. A. S.	Artifact: Location: Description:
		Artifact Location Description
Process		Artifact Location Description
		Artifact Location Description
		Artifact Location Description
Process		Artifact Location Description
		Artifact Location Description
		Artifact Location Description

	ION, BLUE	
	DECON SOLUT	
	MASTE (COL 2) CONTAM, DECON SOLUTION, BLUE	
T WORKSHEET	PROCESS (col 1) PM of valve box areas W	

page 13

VALVE GREASE

Col 4 What known/potential hazardous substanc- es/constituents are associated with this waste or process?	Col 5 Potential sources associated with this hazardous material	Col 6 Known/estimated concentration of hazardous substances/ constituents*	Col 7 Risk based concentration mg/kg	Col 8 Qualitative risk assessment (Hi/Med/Lo)	Col 9 Overall reliability (Hi/Med/Lo)
Radionuclides	N/A, Contaminated soil removed	N/A		Low	High
Metals	N/A, Contaminated soil removed	N/A		Low	High
Acids	N/A, Contaminated soil removed	N/A		Low	High
Organics	N/A, Contaminated soil removed	N/A		Low	High

a. ND = not detected

DL = detection limit in ppm

Question 1. What are the waste generation process locations and dates of operation associated with this site?

Block 1 Answer:

On June 2, 1975, CPP maintenance personnel were in the process of doing preventative maintenance (PM) work on waste valves located in tank farm underground valve boxes B-5 and B-9. Decontamination work had been completed on these boxes by Operations and Technical department personnel. Pre-work surveys showed B-9 to have the following radiation readings: 10 R/hr beta & gamma and 500 mR/hr gamma. Box B-5 had considerably lower readings and was not the main contributor to the later contamination problems. The valve bonnet assemblies removed from the valve boxes had blue lubricating grease on them and the extension handle universal joints were covered with a thin layer of rust. No other residual materials were noted on the valve bonnet assemblies. The work was discontinued and an area of approximately 20'x 20' near boxes B-5 and B-9 was ribboned off by Health Physics.

Work on the valve boxes resumed on June 3, 1975. The ribboned off ground area was wetted with water to reduce the potential for dust. The valve PM job in boxes B-5 and B-9 was completed on June 5, 1975. All contaminated equipment was removed from the area. As a result of the maintenance operations, the 20'x 20' ribboned area was contaminated as follows: near B-9 box (approx. 1 R/hr beta & gamma), rest of area (100 mR/hr beta & gamma to 1000 cpm). This contamination was probably from residual decon solution from the floor of the valve boxes that was brought to the surface via maintenance personnel clothing and equipment, and/or contaminated blue valve grease, or contamination from the valve bonnet assembly parts (bellows, plug, etc.) that were placed on blotter paper covering the ground surface. This paper was torn cut when walked on, allowing the contaminated material to contact the soil.

Contaminated dirt from the 20'x 20' ribboned area was loaded into four 55 gallon barrels and sent to the RWMC. The above ground contaminated valve handles and pipe were decontaminated.

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CYLTYTH	IDE KEAS	SOUTUR B	FHTWD 14T2	EAMPONITO	N.		

Information was obtained from a Significant Operating Occurrence Report (SOOR).

IF SO, DESCRIBE THE CONFIRMATION.

Personal communication with the originator of the SOOR.

Personal Communicat	ion with the d	originator of the SOOK.	
Block 4 SOURCES OF	Information	(check appropriate boxes & source number f	rom reference list)
No available information Anecdotal Historical process data Current process data Areal photographs Engineering/site drawing Unusual Occurrence Repor Summary documents facility SOPs OTHER	[]	Analytical data Documentation about data Disposal data Q.A. data Safety analysis report D&D report Initial assessment Well data Construction data	

associated with this site?	tions and dates of operation
Block 1 Answer:	
Contamination was from a one-time preventative inadequate soil protection. There are no waste with this site.	maintenance activity with e disposal processes associated
Block 2 How reliable is/are the information sour EXPLAIN THE REASONING BEHIND THIS EVALU	
Information was obtained from a Significant Ope	erating Occurrence Report (SOOR).
Block 3 Has this INFORMATION been confirmed? \underline{x} IF so, DESCRIBE THE CONFIRMATION. Personal communication with the originator of the second communication with the original communication	
Anecdotal [] Do Historical process data [] Di Current process data [] Q. Areal photographs [] Sa Engineering/site drawings [] Da Unusual Occurrence Report [x] 1 If Summary documents [] We	e box/es & source number from reference list) nalytical data [] ocumentation about data [] isposal data [] A. data [] afety analysis report [] &O report [] nitial assessment [] ell data [] onstruction data []

Question 3. Is there empirical, circumstantial If so, what is it?	, or other evidence of migration?
The soils were wetted with water to reduce the the contaminated soil was removed and sent to surface radiological surveys (ref. 3, 5) did n contamination in this area above background le the contamination has migrated from the site.	RWMC. Also, the 1990 and 1991 ot detect any radioactive
Block 2 How reliable is/are the information sou EXPLAIN THE REASONING BEHIND THIS EVALU	· -
The SOOR (ref. 1) stated that the contaminated area had been removed. The surface radiologic	dirt from the 20'x 20' ribboned
Block 3 Has this INFORMATION been confirmed? X IF SO, DESCRIBE THE CONFIRMATION. Personal communication with the originator of re-surveyed in 1991 (12/20/91), per a request (ref. 4).	the SOOR (ref. 2). This area was
Anecdotal [] Historical process data [] Current process data [] Areal photographs [] Engineering/site drawings [x] 3,5 Unusual Occurrence Report [x] 1 Summary documents []	e box/es & source number from reference list) Inalytical data

Question 4. Is there evidence that a source e the sources and describe the evid	xists at this site? If so, list ence.
Block 1 Answer:	
There is no evidence that a source exists at stated that the contaminated soil was loaded hauled to the RWMC. Also, the 1990 and 1991 not detect any radioactive contamination in t Due to the limited extent of contamination, a cleaned up, no source remains.	into four 55 gallon barrels and surface radiological surveys did his area above background levels.
Block 2 How reliable is/are the information so EXPLAIN THE REASONING BEHIND THIS EVAL	•
The SOOR stated that the contaminated dirt fr been removed. The surface radiological surve	
Block 3 Has this INFORMATION been confirmed? IF SO, DESCRIBE THE CONFIRMATION.	x_YesNo (check one)
The results of the 1990 and 1991 surface radi not detect any radioactive contamination in t This area was re-surveyed in 1991 (12/20/91), Environmental Restoration (ref. 4).	his area above background levels.
Block 4 SOURCES OF INFORMATION (check appropria	ate box/es & source number from reference list)
No available information [] Anecdotal [] Historical process data [] Current process data [] Areal photographs [] Engineering/site drawings [X] 3, 5 Unusual Occurrence Report [X] Summary documents [] Facility SOPs [] OTHER []	Analytical data [X] 4 Documentation about data [] Disposal data [] Q.A. data [] Safety analysis report [] D&D report [] Initial assessment [] Well data [] Construction data []

Question 5. Does site operating or disposal historical information allow estimation of the pattern of potential contamination? If the pattern is expected to be a scattering of hot spots, what is the expected minimum size of a significant hot spot?

Block 1 Answer:

The SOOR indicated an area of approximately 20'x 20' to be contaminated. Near valve box B-9 the contamination was approximately 1 R/hr beta & gamma, while the rest of the area ranged from 100 mR/hr beta & gamma to 1000 cpm. The contamination would have resulted from maintenance personnel walking on the ground surface after having been in the valve box areas, as well as from contaminated equipment being placed on the it. Thus, the pattern of contamination from the initial contamination event would have been a scattering of hot spots. The size of these spots is not known. Since the contaminated soil had been cleaned up, these hot spots no longer exist.

Block 2 How reliable is/are the information source/s? <u>x_HighMedLow (check one)</u> EXPLAIN THE REASONING BEHIND THIS EVALUATION.
Information was reported in SOOR #75-21.
Block 3 Has this INFORMATION been confirmed? <u>x</u> Yes <u>No</u> (check one) IF SO, DESCRIBE THE CONFIRMATION.
Personal communication with the originator of the SOOR, (ref. 2) and the results of the 1990 and 1991 surface radiological surveys (ref. 3, 5).

Block 4 SOURCES OF INFORMATION (check appropriate box/es & source number from reference list)

No available information	[]	Analytical data	[]
Anecdotal	[]	Documentation about data	[]
Historical process data	[]	Disposal data	[]
Current process data	[]	Q.A. data	[]
Areal photographs	[]	Safety analysis report	[]
Engineering/site drawings	[x] 3, 5	D&D report	[]
Unusual Occurrence Report	[x] <u>1</u>	Initial assessment	[]
Summary documents	[]	Well data	[]
Facility SOPs	[]	Construction data	[]
OTHER	[x] <u>2</u>		

Question	6.	Estimate	the	lengt	th,	width	n, and	dept	h of	the	contami	nated	i regi	on.	,
•		What is 1	the I	known	or	estin	nated	volun	ne of	the	source?	If	this	is	an
		estimated	ov t	lume,	exp	olain	caret	fully	how	the	estimate	Was	deriv	ed.	,

Bloc	k 1	An	SW	er	:
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The SOOR stated that the contaminated dirt from the 20'x 20' ribboned area was loaded into four 55 gallon barrels and hauled to the RWMC. The estimated depth of soil removed, based on the number of barrels filled, would be approximately 1 inch (assuming 1/4 yd³ per barrel). Due to the limited extent of contamination and the area was cleaned up, it does not appear that a source remains. Also, the 1990 and 1991 surface radiological surveys did not detect any radioactive contamination in this area above background levels.

Block 2 How reliable is/are the information s EXPLAIN THE REASONING BEHIND THIS EVA	,
The areal extent and volume of contamination depth of contamination was calculated from t	
Block 3 Has this INFORMATION been confirmed? IF SO, DESCRIBE THE CONFIRMATION.	Yes <u>x_</u> No (check one)
Block 4 SOURCES OF INFORMATION (check appropria	ite box/es & source number from reference list)
No available information []	Analytical data []
Anecdotal []	Documentation about data []
Historical process data []	Disposal data []
Current process data []	Q.A. data []
Areal photographs []	Safety analysis report []
Engineering/site drawings [] Unusual Occurrence Report [x] 1	D&D report []
Summery documents []	Well data []
Facility SOPs	Construction data []
OTHER []	

substance/constituent at this sou estimate, explain carefully how t	rce? If the quantity is an
Block 1 Answer:	
No contamination is believed to remain based timely cleanup action at the time of the main	on surface radiological surveys and tenance work completion.
	·
Block 2 How reliable is/are the information so EXPLAIN THE REASONING BEHIND THIS EVAL	·
The SOOR stated that the contaminated dirt fr been removed. The surface radiological surve	
Block 3 Has this INFORMATION been confirmed? IF SO, DESCRIBE THE CONFIRMATION.	X_YesNo (check one)
The results of the 1990 and 1991 surface radi not detect any radioactive contamination in t This area was re-surveyed in 1991 (12/20/91), Environmental Restoration (ref. 4).	his area above background levels.
Block 4 SOURCES OF INFORMATION (check appropriat	
No available information [] Anecdotal [] Historical process data [] Current process data [] Areal photographs [] Engineering/site drawings [x] 3, 5 Unusual Occurrence Report [x] Summary documents [] Facility SOPs [] OTHER [x]	Analytical data [] Documentation about data [] Disposal data [] Q.A. data [] Safety analysis report [] D&D report [] Initial assessment [] Well data [] Construction data []

Question 8. Is there evidence that this hazardous substance/constituent is present at the source as it exists today? If so, describe the evidence.
Block 1 Answer:
There is no evidence that the source still exists today. The SOOR (#75-21) indicated that the contaminated soil was removed and hauled to RWMC. Due to the limited extent of contamination and that the area was cleaned up, no source remains.
Also, the results of the surface radiation surveys conducted in 1990 and 1991 (ref. 3, 5) do not indicate the presence of radiation levels above background at this site.
-
Block 2 How reliable is/are the information source/s? <u>x_HighMedLow {check one}</u> Explain the reasoning behind this evaluation.
The SOOR (ref. 1) stated that the contaminated dirt from the 20'x 20' ribboned area had been removed and the surface radiological surveys are an annual practice.
Block 3 Has this INFORMATION been confirmed? x YesNo (check one)
IF SO, DESCRIBE THE CONFIRMATION.
The results of the 1990 and 1991 surface radiological surveys did not detect any radioactive contamination in this area above background levels. This area was also re-surveyed a second time in 1991 (12/20/91), per a request by WINCO Environmental Restoration (Ref. 4).
Block 4 SOURCES OF INFORMATION (check appropriate boxes & source number from reference list)
No available information [] Anecdotal [] Bistorical process data [] Current process data [] Areal photographs [] Engineering/site drawings [x] 3, 5 Unusual Occurrence Report [x] Summary documents [] Facility SOPs [] OTHER [] Analytical data [x] 4 Documentation about data [] Disposal data [] Safety analysis report [] Initial assessment [] Well data [] Construction data []

REFERENCES

- 1. Allied Chemical Corporation, Significant Operating Occurrence Report #75-21, "Contamination, Valve Box B-9 Area", June 2, 1975.
- 2. WINCO, personal communication between John Williams (Environmental Compliance) and James Linhart (Environmental Compliance), December 10, 1991.
- 3. 1991 Surface Radioactivity Survey Maps
- 4. WINCO Health Physics Survey Report, "Survey of Tank Farm", December 20, 1991.
- 5. 1990 1991 Surface Radioactivity Cleanup Status.

ECA 30 REFERENCE 1.

ALLIED CHEMICAL COKPORATION

IDAHO CHEMICAL PROGRAMS - OPERATIONS OFFICE Δ^{thed} hemical : SIGNIFICANT OPERATING OCCURRENCE REPORT STERIM [] 1000, 6-2-75 75-21 CONTAIN FROM OSES OFFICE! TIME & DATE OF GCOURPENCE Octumbered Subject Contamination, Valve Box 8-9 Area CPP Tank Farm K. K. Kennedy, R. J. E. CCCURRENCE LOCATION. _ TO BHOW PERGETED IN ACC-IS Time a date occurrence reported to accord P.M., 6-2-75J. G. Linhart ACC CONTACT FEOR ACCTU DETAILS. PRELIMINARY TIPE CLASSIFICATION FINAL TIPE CLASSIFICATION ☐ A ☐ C ဩ OTHER TA B C X STATE COMPLETE ITEMS : "MRGUCH & FOR ALL REFORTS - IF ADDITIONAL SPACE MEFDED, CONTINUE : TEM OF TLACK PAPER AND ATTA-HOTE DESCRIPTION OF OCCURNENCE + NATURE (EXTENT AND EXPLOTS) CPP Maintenance was in the process of doing preventive maintenance (PM) work on waste valvelocated in tank farm underground boxes B-5 and B-9. Decontamination work had been complete on each of these boxes by Operations and Technical. Pre-work surveys showed B-9 to have the following radiation readings: 10 R/hr f+y and 500 mr/hr y. Box B-5 had considerably lower readings and was not the main contributor to the later contamination problems. Continue on attached page. 7. PELEVENT OPERATING CONSITIONS AT TIME OF OCCUPRENCE: Waste transfer lines and jets associated with boxes B-5 and B-9 had been isolated via danger tags and the system was not in use. heinue on attached page. 🔲 DEDICH 🔲 MATERIAL 🔲 PETROWNEL 🔯 PROCEDURE 🔲 OTHER 🔲 UNDETERMINED AT THIS TIME HOW CAUSE OF OCCURRENCE HAS DETERMINED. H.P. found workers to be contaminated after they had left the work area to go to lunch. H.P. then back-tracked the job to discover the extent of the contamination. FREE FORESTER PEMEDIAL ACTION TEREN The work was discontinued and an area 920° m 20° near boxes B-5 and B-9 was ribboned off by H.P. Contaminated blotter paper, tools, att. were removed from the area. Continue on attached page. FIGE FINAL PEPCET CHLY: CHAIRMAN, SICNIFICANT EPERATING OCCURRENCE FELLER BOARD 11.

FOR FINAL REPORTS ONLY, COMPLETE REVERSE SIDE OF THIS FORM LITEMS STHROUGH ST HO / E :

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MANAGER, OFFE BRANCH ICP . F . ** BRANCH MANAGERS, ICP +* 54.1 TE SHALFMAN ICH SPE (5) COMPLIANCE DEFICER OF C

FINAL PERSET CHLY.

A E P (ORT NO OCCURRENCE SUBJECT:
5 .	SUBSEQUENT CORRECTIVE ACTION TAREN (IF AMPLICABLE .:
The nan	taminated dirt from the 20' x 20' ribboned area was loaded into four 55 gallon barr se barrels will be hauled to the burial ground. The above ground contaminated valve dles and pipe were decontaminated with methylchlor which did a good job of removing
ine	blue grease. (m. this chloride) 003722
	FINAL COMPRECTIVE ACTION PROPOSED:
Fut	ure work on tank farm valves should include the following:
a .	Once the above ground extension handle angle irons are cut, the valve handles and any other pipe or permanent equipment such as riser covers should be covered with plastic.
٠.	Re-emphasize need for respirator evaluation.
c.	Removed valve bonnet assemblies should be immediately bagged and taken to the decon room before the extension handle yokes are removed.
d.	Blotter paper had been used but was cut by rocks when stepped on. Plywood covered with several layers of blotter paper should be placed on the ground near the valve boxes where the men can stage from (undress, bag valves, pass tools, etc.).
Con	tinue on attached page.
	*ESPONSIBILITY FOR CORRECTIVE ACTION ASSIGNED TO: J. G. Linhart
	SIMILAR PREVIOUS OCCURRENCES: IS THIS A RECURRENCE OF A PREVIOUS EVENT? YES TO NO IF SO, WHAT IS (HAS BEEN) THE APPROXIMATE RECURRENCE FREQUENCY OR INTERVAL!
9.	ESTIMATED COST OF OCCUPRENCE: S200.00
	MANACEMENT EASTASTION.

Final corrective action seems adequate.

1. DESCRIPTION OF COCURENCE (MATURE, EMTEND, AND DEFECTS): (Continued)

n Monday morning (6-2-75), maintenance started work in bones D-5 and B-9. H.J. was gesent to monitor radiation emposures and a safe-work permit had been processed. After completing the mornings work, the crew proceeded to the CFP-601-602 process area where they were found to be contaminated.

2. RELEVANT OPERATING CONDITIONS AT TIME OF OCCURENCE: (Continued)

Maintenance procedures to PM the valves were as follows:

- a. A cutrode welder was used to cut the above ground angle iron on each extension handle so the extension handle could be lifted and disconnected from the valve.
- b. The bonnet of the in-box valve was unbolted and the extension handle universal and grease fitting were disconnected.
- c. The valve bonnet with bellows and plug was removed from the valve body, which is welded in the wasta line.
- d. The valve bonnet assembly was transferred above ground where the extension handle yoke was removed and installed on a new valve bonnet assembly.
- e. The new valve bonnet assembly was lowered into the valve box and installed in the valve body and reconnected.

It should be noted that protective electhing was worn during the FM operation and follower respirators were worn by personnel working in the value benefit semblies removed from the value boxes had blue labricating grease on them and the extension handle universal joints were covered with a thin layer of rust. No other visual residual materials were noted on the value bonnet assemblies.

4. IMMEDIATE REMEDIAL ACTION TAKEN: (Continued)

Four maintenance personnel were given whole body counts Monday (6-2-75) afternoon. Two of these same people were given second whole body counts on 6-3-75. A third whole body count has been requested of these same two people the weak of 6-9-75 and a fecal sample has been requested from one of them. The results of these samples and body counts showed that internal doses to the people involved were not significant.

Work on the valve boxes resumed on 6-3-75. Fresh air respirators were worn while doing this work. The removed valve bonnet assemblies were decontaminated in the decon room prior to removing the extension handle yokes and installing them on the new valves. The ribboned off contaminated ground are: was wetted with water.

The valve PM job in boxes B-5 and B-9 was completed on 6-5-75. All contaminated equipment was removed from the area. The 20' x 20' ribboned area was contaminated as follows: near B-9 box (\sim 1 R/hr β + γ), rest of area (100 mr/hr β + γ to 1000 c/m). This above ground contamination was found on workers clothes and some had contacted their skin. This contamination was probably from residual decon solution from the floor of the valve boxes, contaminated blue valve grease, or contamination from the valve boxes assembly parts (bellows, plug, etc.). This contamination was very fficult to remove once contacted with the skin.

- •! FINAL CORRECTIVE ACTION PROPOSED: (Continued)
- MOTE: Plastic should not be used on the ground near the valve box riser (ref. item #d above and #e). It is too slick and could lead to a man falling down the riser into the valve pit, especially if the person has shoe covers on or there is grease on the plastic.
- f. A copy of this SOOR report with this information will be placed in the tank farm valve PM file for future reference.
- 7. It is recommended that for future tank farm valve work, more then one H.P. be considered for the job. One could be used to keep track of the exposures and the other the contamination.

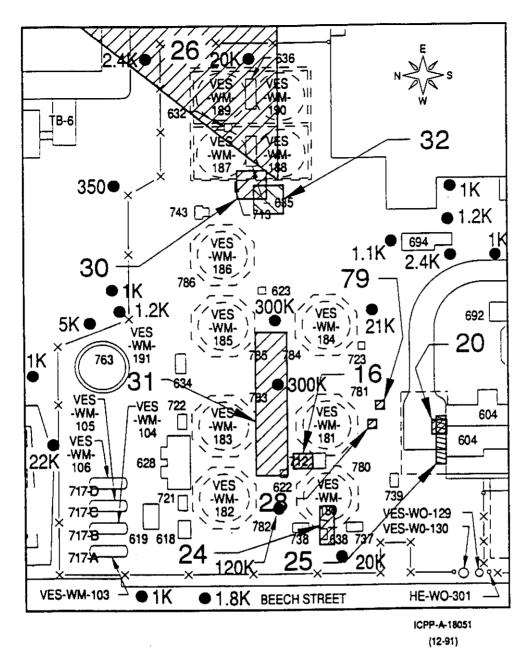
ECA 30 REFERENCE 2.



MEMO OF CONVERSATION

Date 12-10-91 Time am Commitment Made Yes No Date: 3-
Person Calling JOHN WILLIAMS Person Called Jim Linhart
Representing <u>iUINCO</u> Representing <u>LUINCO</u>
Purpose of Conversation Details on SCOR #15-21
See 1/2/
Text of Conversation Mis. Timbert was the pregnator of the
Significant Operating Cocurrence Report (500 2) # 75-21.
This 1975 Sook discusses site CPF-30 (value
Lox B-9 and contamination). Mr. Linhart
explained the detailed sequents of wente from
This SCOR. Ether than clarifying the sprife
Darts and Lunctions of the equipment, in terms
a) the preventative maintanence work that took
place, he did not have any additional
Darts and functions of the equipment, in terms Of the preventative maintanence work that took place, he did not have any additional information to add to the report
Signed John Date 12/10/91

ECA 30 REFERENCE 3.



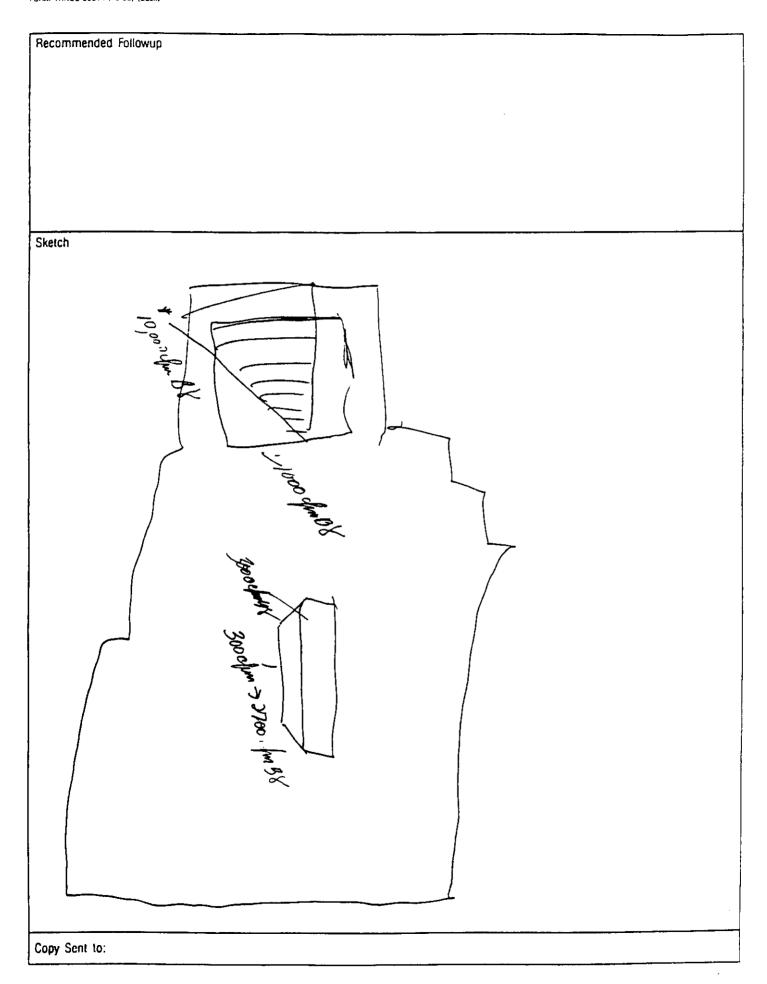
Site Locations within OU 3-07 with Rad Points

ECA 30 REFERENCE 4.

Westinghouse Idaho Nuclear Company, Inc.
Muclear Company, Inc.
EARLY 141111CO CCA1H 110 001

HEALTH PHYSICS SURVEY REPORT

Job	Location	Requester		D	ate /2- 1	20-01		Instrument		
Du.					Type Serial No.					
CMTANK FARM Environmental Time 0840						1 24	2/	7/4		
Job Description										
4	Survey of table Form									
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				RVEY DATA						
		Inst.		βγ	Gamma	βγ	Alpha	Sme	ears	
No.	Item or Location	Туре	Dist.	mR/hr	mR/hr	c/m	c/m	d/mβγ	d/m a	
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Anomalies Found: Areas scanned showed from 100c/mBt -10;000c/mBt above background. Notified Environmental of results.										
Corre	ctive Action Taken:									
Notified OHT Supervision										
	chinician /	//		HP Supe	rvisor	/ /			·	
Signa	ture/ //Mg & task	<i>b</i>		Review		4/4_				



ECA 30 REFERENCE 5

